

**REMARKS**

This Amendment is filed in response to the Office Action mailed July 13, 2004. A Petition to Extend Time under 37 C.F.R. § 1.136(a) for one (1) month, up to and including December 29, 2004, is enclosed.

An Information Disclosure Statement, with the appropriate fee for a large entity, is entered herewith.

Figure 4H, Figure 4K, Figure 4M, Figure 5C, Figure 6B, and Figure 7A are amended to include sequence identifiers.

Claims 22, 26, 30 and 34 are amended to include sequence identifiers.

Applicants respectfully take the position that this application is now in proper form for allowance. Early action to that end is earnestly solicited. The Examiner is invited to contact the undersigned attorney if clarification is required on any aspect of this Amendment.

Respectfully submitted,

Date: 16 DECEMBER 2004

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Attachment: Six (6) Replacements Sheets  
Six (6) Annotated Sheet Showing Changes

10/071,370

RED-LINED ANNOTATED SHEET  
(1 of 6)



plw-3  
CGT ACT TGC AGA TGT GAC AAG CCA AGG CCG TGA (SEQ ID NO: 1)  
181  
ARG-THR-CYS-ARG-CYS-ASP-LYS-PRO-ARG-ARG \* (SEQ ID NO: 2)  
190

FIG. 4H

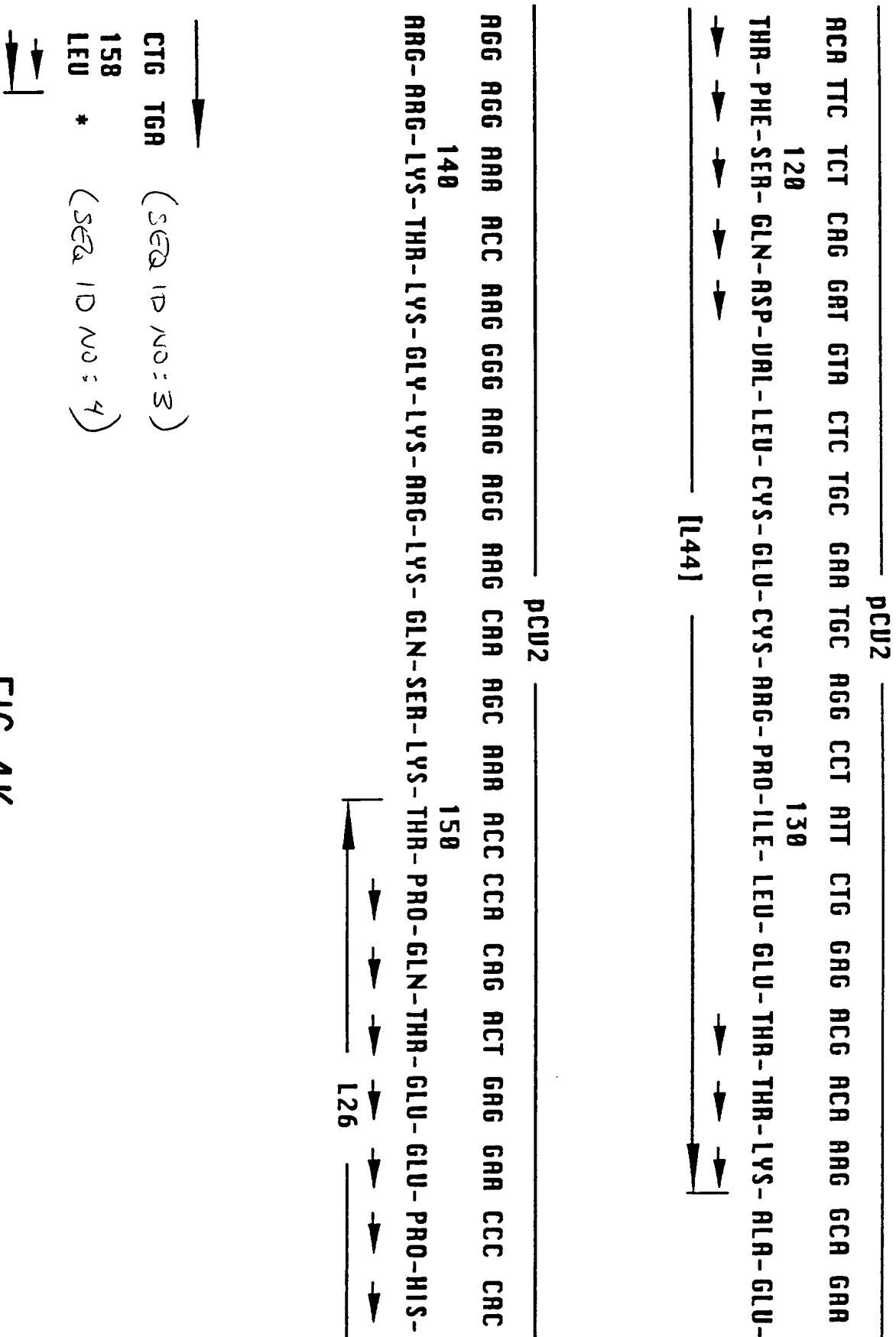


FIG. 4K

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RED-LINED ANNOTATED SHEET  
( 3 & 6 )

PCU2.1

CGC TGT AGT GGC TGC TGT GGT GAC GAG GGT CTG CAC TGT GTG GCG CTA AAG ACA GCC AAC  
80  
ARG-CYS-SER-GLY-CYS-CYS-GLY-ASP-GLU-GLY-LEU-HIS-CYS-VAL-ALA-LEU-LYS-THR-ALA-ASN

PCU2.1

ATC ACT ATG CAG ATC TTA AAG ATT CCC CCC AAT CGG GAT CCA CAT TCC TAC GTG GAG ATG  
100  
ILE-THR-MET-GLN-ILE-LEU-LYS-ILE-PRO-PRO-ASN-ARG-ASP-PRO-HIS-SER-TYR-VAL-GLU-MET

PCU2.1

ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AAG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
120  
THR-PHE-SER-GLN-ASP-VAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU

AGG TAA (SEA 10 NOV 55)

138  
ARG \* (SEA 10 NOV 56)

FIG. 4M

CGT ACT TGC AGA TGT GAC AAG CCA AGG CCG TGA (SEQ ID NO: 2)  
181  
ARG-THR-CYS-ARG-CYS-ASP-LYS-PRO-ARG-ARG \* (SEQ ID NO: 2)  
190

FIG. 5C

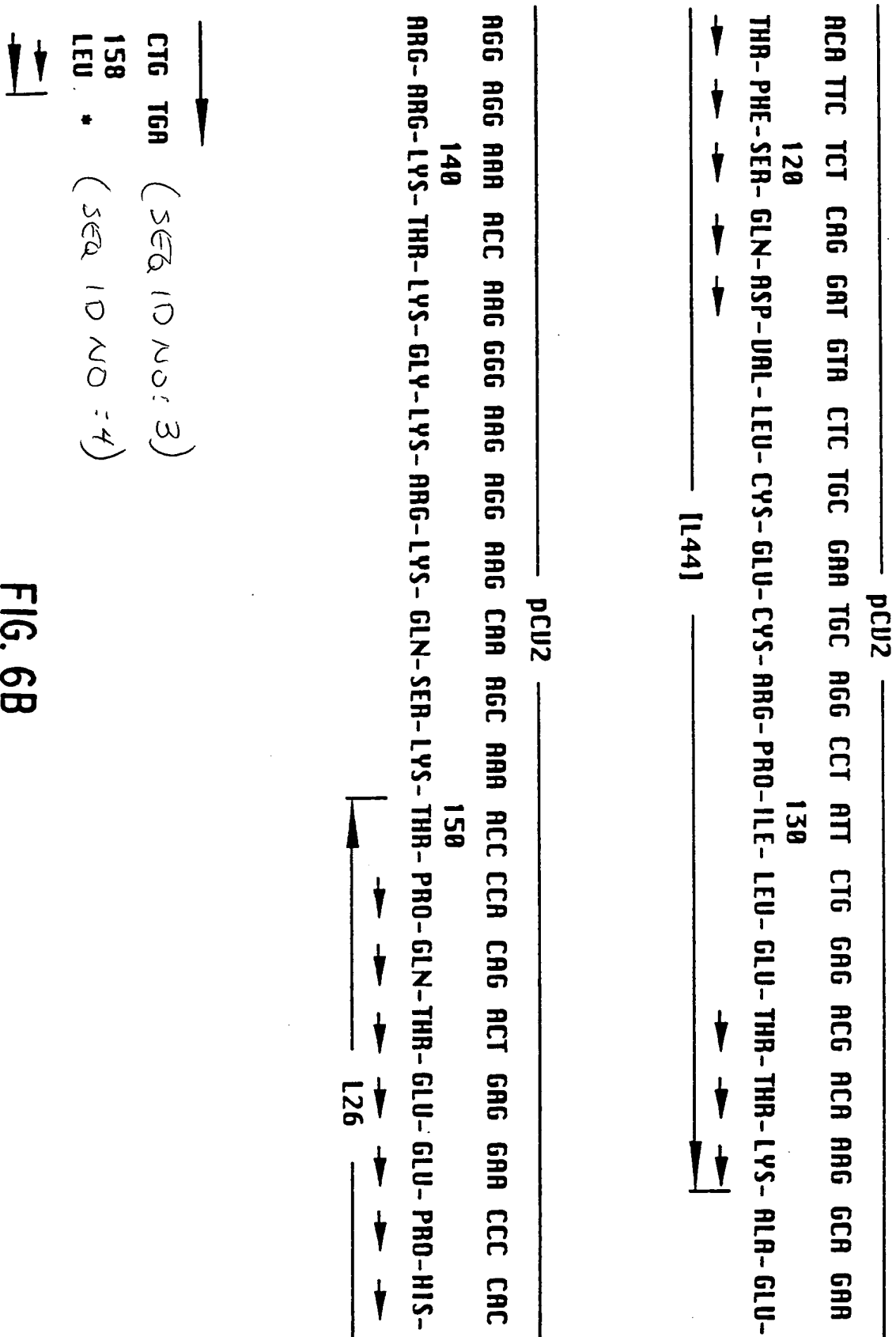


FIG. 6B

PCU2.1

CGC TGT AGT GGC TGC TGT GGT GAC GAG GGT CTG CAC TGT GTG GCG CTA ARG ACA GCC AAC  
80  
ARG-CYS-SER-GLY-CYS-CYS-GLY-ASP-GLU-GLY-LEU-HIS-CYS-VAL-ALA-LEU-LYS-THR-ALA-ASN

PCU2.1

ATC ACT ATG CAG ATC TTA AAG ATT CCC CCC AAT CGG GAT CCA CAT TCC TAC GTG GAG ATG  
100  
ILE-THR-MET-GLN-ILE-LEU-LYS-ILE-PRO-PRO-ASN-ARG-ASP-PRO-HIS-SER-TYR-VAL-GLU-MET-

PCU2.1

ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AGG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
120  
THR-PHE-SER-GLN-ASP-VAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU-  
130

AGG TAA (SEQ ID NO:5)

138  
ARG \* (SEQ ID NO:6)

FIG. 7A